

**MOHAMED, AHMED A., PH.D.**  
**CURRICULUM VITAE**

Name	: Ahmed Abo-Bakr Mohamed, Ph.D.
Position	: Assistant Professor Computer Science Department College of Computers & Information Sciences Majmaah University KSA
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**MAJOR**

Computer Science and Engineering

**CURRENT JOBS**

Assistant Professor  
Computer Science Department  
College of Computers & Information Sciences  
Majmaah University – KSA

**EDUCATION**

Ph.D., University of Connecticut, USA, 2006  
(*Efficient Techniques for Multi-Document Summarization Using Document Graphs*)  
M.Sc., University of Connecticut, USA, 2006  
B.Sc., Faculty of Engineering, Asyut University, Egypt, 1995 (Very Good with Honor Degree)

**RESEARCH INTERESTS**

- Text Summarization
- Information Retrieval
- Data Mining
- Image Understanding
- Computer Vision
- Artificial Intelligence

## EDUCATION EXPERIENCE

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2014 – Date	Majmaa University, College of Computers & Information Sciences	KSA
	▪ Assistant Professor, Information Technology Department, Faculty of Computers & Information	
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2012 – 2014	Asyut University, Faculty of Computers & Information	Egypt
	▪ Assistant Professor, Information Technology Department, Faculty of Computers & Information	
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2006 – 2012	South Valley University, Faculty of Engineering	Egypt
	▪ Assistant Professor, Computers & Systems Engineering, Electrical Engineering Department	
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2001 – 2003	University of Connecticut	USA
	▪ Grad Assistant (Fall 2001 – Spring 2003)	
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2001	Eastern Connecticut State University	USA
	▪ Adjunct Faculty	
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1997	South Valley University, Faculty of Engineering	Egypt
	▪ Undergraduate Lab Administrator	
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1996 – 1998	South Valley University, Faculty of Engineering	Egypt
	▪ Teaching Assistant	

## PROJECTS PARTICIPATION

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2012 – 2015	Faculty of Computers & Information, Asyut University	Egypt
	▪ Establishment of Electronic Management Units Project (IT Unit)	
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2012	Asyut University	Egypt
	▪ Assessment of Higher Education Learning Outcomes (AHELO)	
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2012 – 2012	Asyut University, Faculty of Computers & Information	Egypt
	▪ Continuous Improvement and Quality for Accreditation Project (CIQAP)	
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2011	Faculty of Engineering, Ain Shams University in partnership with Faculty of Engineering, Aswan University	Egypt
	▪ e-Laboratories for Physics and Engineering Education (517102-TEMPUS-1-2011-1-SE-TEMPUS-JPCR)	
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2009 – 2011	South Valley University, Faculty of Engineering	Egypt
	▪ Quality Accreditation for Power Engineering Program	
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2009 – 2011	South Valley University, Faculty of Engineering	Egypt
	▪ Systematic Improvement for Quality Accreditation for Civil Engineering Program (SIQACEP)	
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2009 – 2010	South Valley University, Faculty of Engineering	Egypt
	▪ Interactive Internet-Based Power System Simulation Application (ePSS) ▪ (EuropeAid/127083/M/ACT/EG)	

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2007 – 2010 South Valley University, Faculty of Engineering Egypt  
▪ Establishing a Virtual Laboratories Developing Center (TEMPUS, JEP-33131-2005)

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2006 – 2007 South Valley University, Faculty of Engineering Egypt  
▪ Quality Assurance and Accreditation Project (QAAP)

#### TECHNICAL EXPERIENCE

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2012 – Date Faculty of Computers & Information, Asyut University Egypt  
▪ Unit Manager, Quality & Accreditation Assurance Unit

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2012 – 2015 Faculty of Computers & Information, Asyut University Egypt  
▪ Unit Manager, Establishment of Electronic Management Units (IT Unit)

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2012 Asyut University Egypt  
▪ IT Manager, Assessment of Higher Education Learning Outcomes (AHELO)

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2011 – 2012 Faculty of Engineering, South Valley University Egypt  
▪ IT Manager

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2011 Virtual Laboratories Developing Center, Faculty of Engineering, South Valley University Egypt  
▪ Vice Manager

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2010 – 2011 Information Technology Academia Collaboration (ITAC) Egypt  
▪ R & D Projects' Reviewer, "ITIDA" Program (An Information Technology Industry Development Agency)

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2007 – 2010 Virtual Laboratories Developing Center, Faculty of Engineering, South Valley University Egypt  
▪ Technical Administrator

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2003 – 2006 University of Connecticut USA  
▪ Full-Time Professional Computer Technical Support

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2000 Eastern Connecticut State University USA  
▪ University Assistant  
  
▪ Parallel Computations Lab Administrator

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1997 South Valley University, Faculty of Engineering Egypt  
▪ Undergraduate Lab Administrator

#### TEACHING EXPERIENCE

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Programming  
VB, Fortran, C++, C#

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Undergrad Courses  
Fortran, C++, C#, Digital Design, Data Structures, Computer Networks, Network Programming, Software Engineering, Analysis and Design of Algorithms, Artificial Intelligence, Analysis of Electrical Circuits, Computer Graphics, Database Management

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Grad Courses  
Compilers, Socket Programming, Advanced Programming

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## PUBLICATIONS

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- A. A. MOHAMED AND S. RAJASEKARAN, "IMPROVING QUERY-BASED SUMMARIZATION USING DOCUMENT GRAPHS," IN PROCEEDINGS OF THE 6TH IEEE SYMPOSIUM ON SIGNAL PROCESSING AND INFORMATION TECHNOLOGY (ISSPIT), VANCOUVER, CANADA, 2006.
- A. A. MOHAMED AND S. RAJASEKARAN, "QUERY-BASED SUMMARIZATION BASED ON DOCUMENT GRAPHS," IN PROCEEDINGS OF DOCUMENT UNDERSTANDING CONFERENCE WORKSHOP AT CONFERENCE OF HLT-NAACL (DUC 2006), NEW YORK, NY, 2006.
- A. A. MOHAMED AND S. RAJASEKARAN, "EFFICIENT RANDOMIZED ALGORITHMS FOR TEXT SUMMARIZATION," ADVANCES IN NATURAL LANGUAGE PROCESSING. JOURNAL OF RESEARCH IN COMPUTING SCIENCE, PP. 195-200, 2006.
- E. J. SANTOS, A. A. MOHAMED, AND Q. ZHAO, "AUTOMATIC EVALUATION OF SUMMARIES USING DOCUMENT GRAPHS," IN PROCEEDINGS OF TEXT SUMMARIZATION BRANCHES OUT: PROCEEDINGS OF THE ACL-04 WORKSHOP, BARCELONA, SPAIN, PP. 66-73, 2004.
- V. THAPAR, A. A. MOHAMED, AND S. RAJASEKARAN, "A CONSENSUS TEXT SUMMARIZER BASED ON META-SEARCH ALGORITHMS," IN PROCEEDINGS OF THE 6<sup>TH</sup> IEEE SYMPOSIUM ON SIGNAL PROCESSING AND INFORMATION TECHNOLOGY (ISSPIT), VANCOUVER, CANADA, 2006.
- Q. ZHAO, E. J. SANTOS, H. NGUYEN, AND A. MOHAMED, "WHAT IS NEEDED FOR A GOOD SUMMARY? TWO DIFFERENT TYPES OF DOCUMENT SETS YET SEEMINGLY INDISTINGUISHABLE TO HUMAN USERS," IN PROCEEDINGS OF HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES, HAWAII, 2006.

## REFERENCES

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1. [Prof. Reda Ammar, Ph.D.](#)  
Head of Computer Science and Engineering Department  
School of Engineering  
University of Connecticut – USA
2. [Prof. Sanguthevar Rajasekaran, Ph.D.](#)  
UTC Chair Professor of CSE and Director of the Booth Engineering Center for Advanced Technologies (BECAT)  
Computer Science & Engineering Department  
School of Engineering  
University of Connecticut – USA
3. [Prof. Youssef B. Mahdy](#)  
Dean of the Faculty of Computers & Information  
Asyut University – Asyut – Egypt
4. [Prof. Hosni M. Ibrahim](#)  
Head of Information Technology Department  
Faculty of Computers & Information  
(Former Dean of the Faculty of Computers & Information)  
Asyut University – Asyut – Egypt
5. Prof. Mohamed Tharwat Abdel-Rahman, Ph.D.  
Professor of Power & Machines Engineering  
(Former Vice President for Students Affairs – South Valley University)  
(Former Dean the of School of Engineering – South Valley University)  
Faculty of Engineering – Asyut University – Egypt
6. [Dr. Hany E. Madkour](#)  
Associate Professor, Vice Dean, and VLDC CEO  
Civil Engineering Department  
Faculty of Engineering  
Aswan University

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7. [Dr. Mohamed A. Orabi](#)

Associate Professor, Vice Dean  
(Former Dean of the Faculty of Engineering)  
Electrical Engineering Department  
Faculty of Engineering  
Aswan University

8. [Prof. Erling Smith, Ph.D.](#)

Interim Dean of the School of Engineering  
(Former Head of the Civil & Environmental Engineering Department)  
Civil & Environmental Engineering Department  
University of Connecticut – USA

9. [Prof. Ramesh Malla, Ph.D.](#)

Associate Professor  
Civil & Environmental Engineering Department  
(Former Associate Head of Civil Engineering Department)  
University of Connecticut – USA

10. [Prof. John F. Sharlow, Ph.D.](#)

Head of the Computer Science Department  
Computer Science & Mathematics Department  
Eastern Connecticut State University – USA

11. [Mrs. Cherie Taylor](#)

Administrative Service Specialist II  
(Former Administrative Coordinator)  
Civil & Environmental Engineering Department  
University of Connecticut – USA

12. [Mrs. Kristina Ashley](#)

Administrative Coordinator  
Civil & Environmental Engineering Department  
University of Connecticut – USA

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